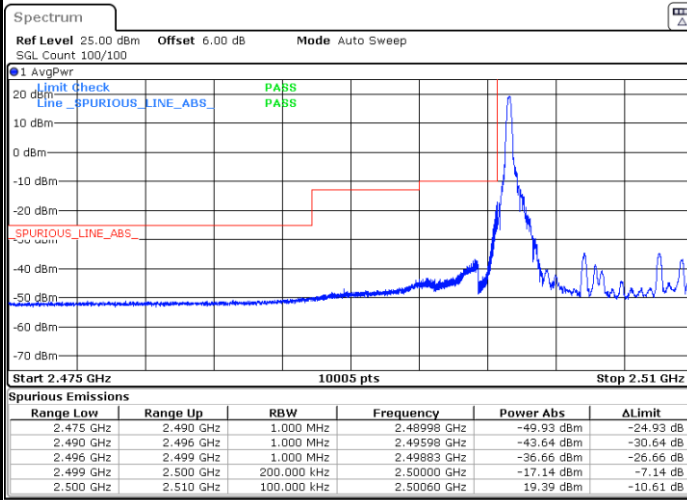




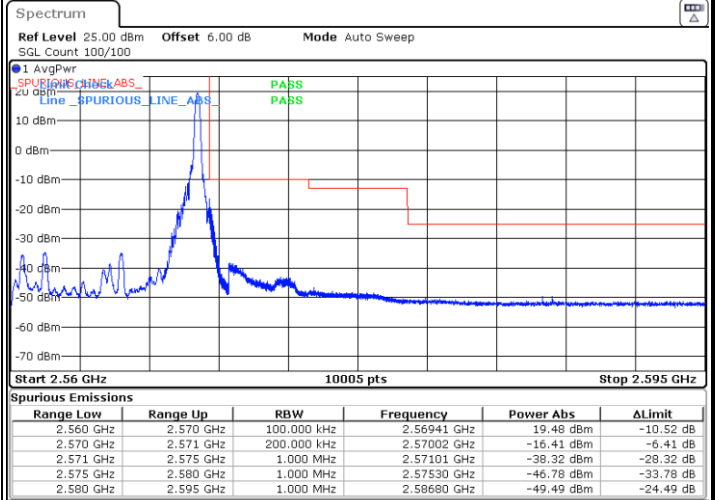
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



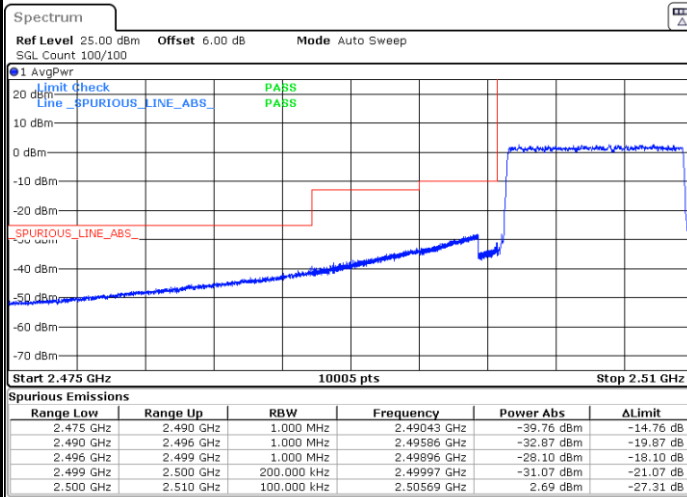
Date: 23.JAN.2022 16:54:54

Highest Band Edge / 1 RB



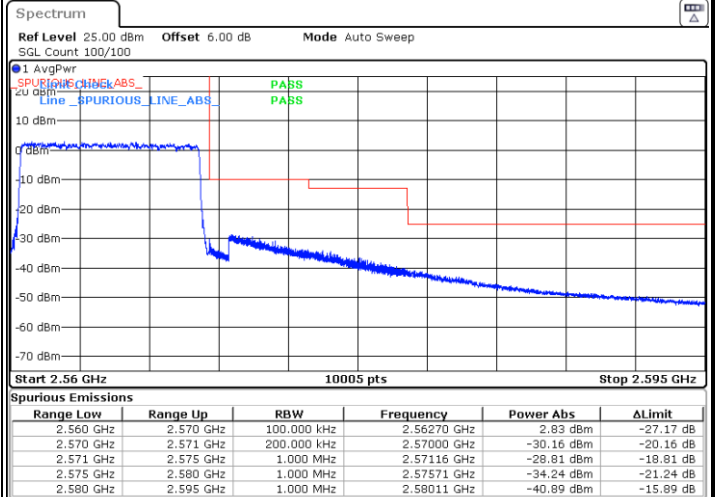
Date: 23.JAN.2022 17:02:36

Lowest Band Edge / Full RB



Date: 23.JAN.2022 16:55:48

Highest Band Edge / Full RB

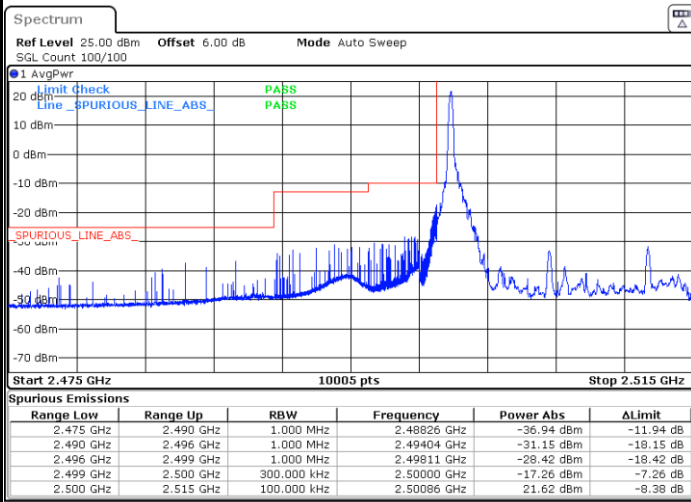


Date: 23.JAN.2022 17:03:30



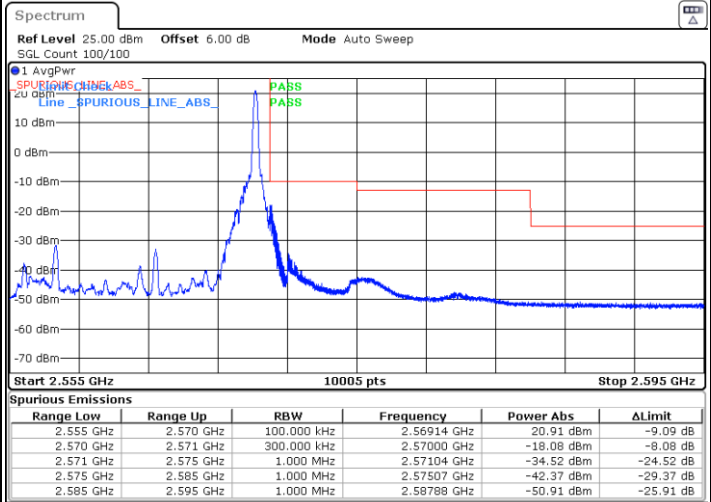
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



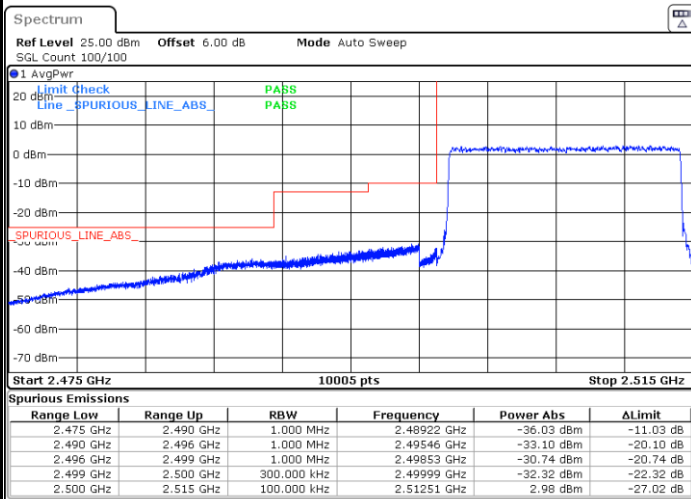
Date: 23.JAN.2022 17:07:13

Highest Band Edge / 1 RB



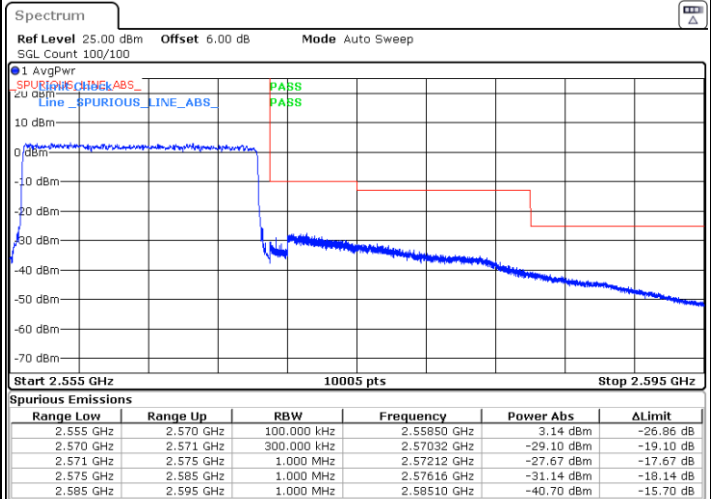
Date: 23.JAN.2022 17:14:55

Lowest Band Edge / Full RB



Date: 23.JAN.2022 17:11:45

Highest Band Edge / Full RB

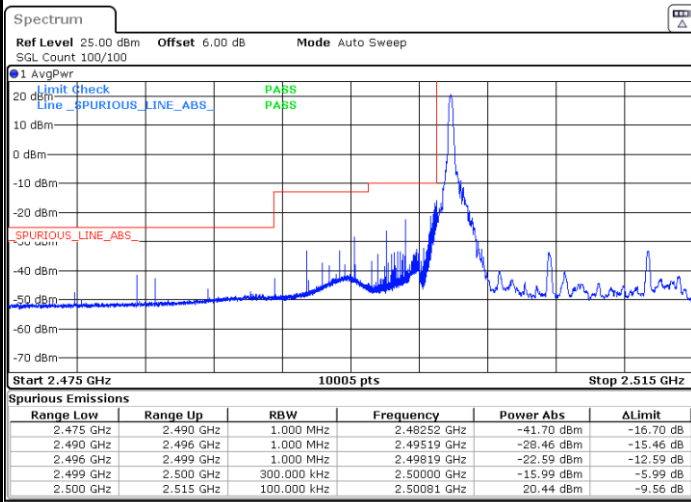


Date: 23.JAN.2022 17:19:27



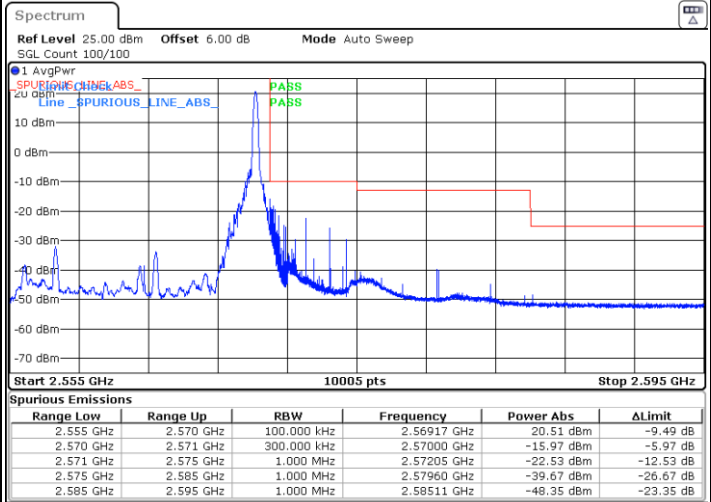
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



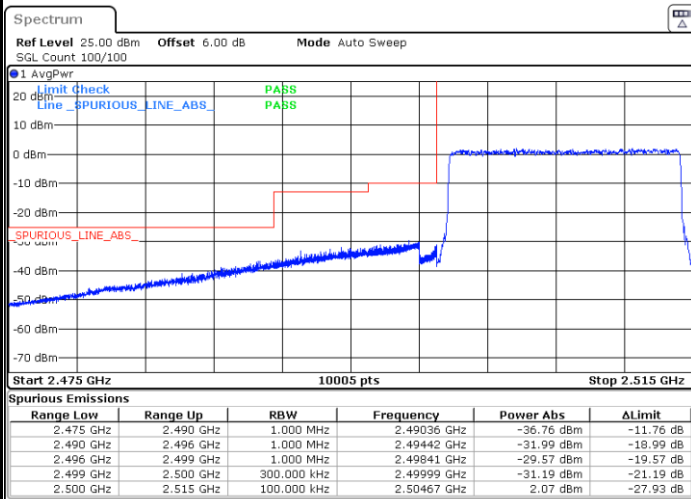
Date: 23.JAN.2022 17:08:07

Highest Band Edge / 1 RB



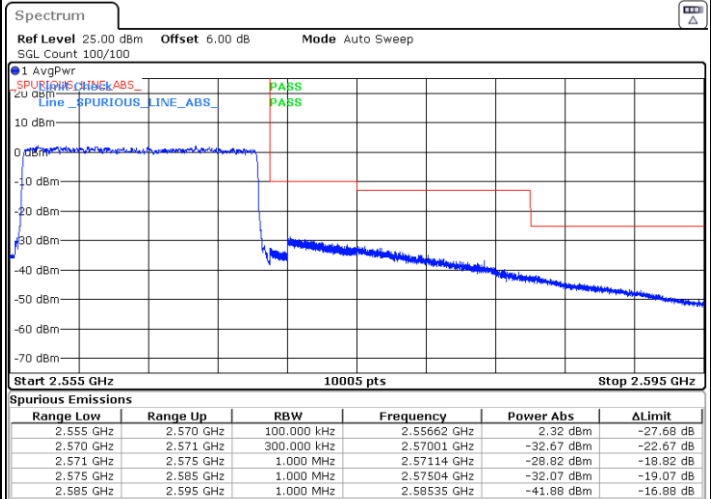
Date: 23.JAN.2022 17:15:49

Lowest Band Edge / Full RB



Date: 23.JAN.2022 17:10:50

Highest Band Edge / Full RB

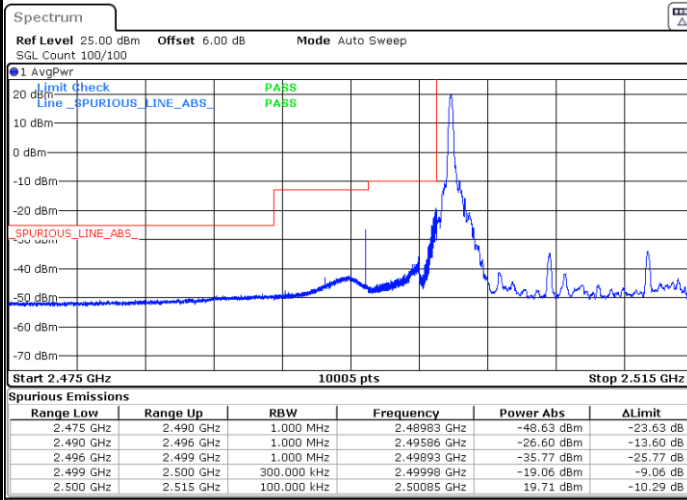


Date: 23.JAN.2022 17:18:32



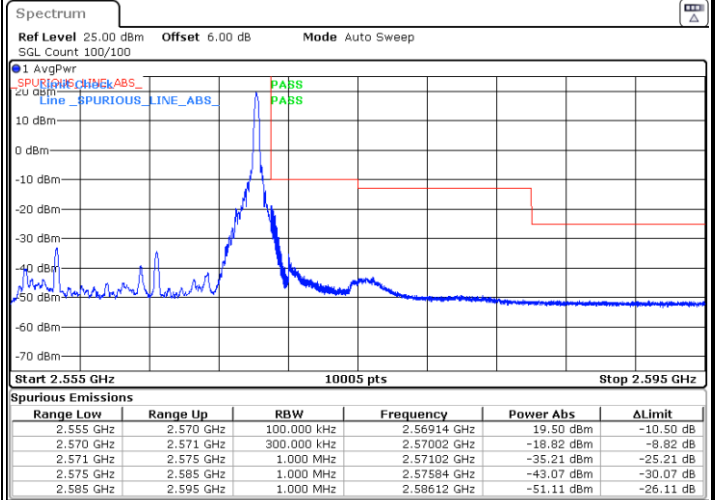
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



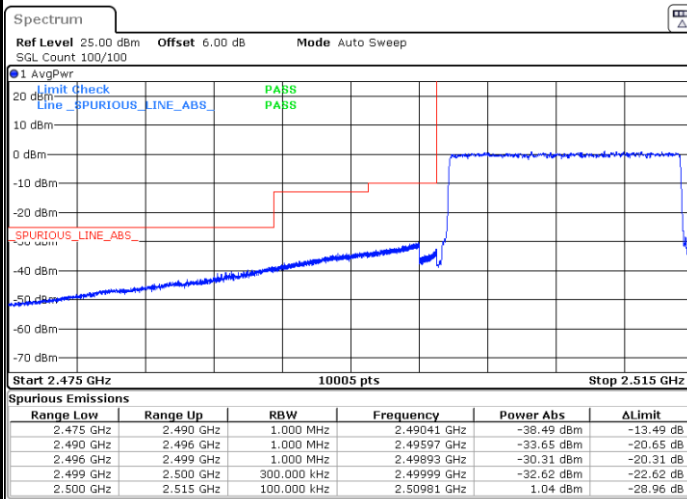
Date: 23.JAN.2022 17:09:02

Highest Band Edge / 1 RB



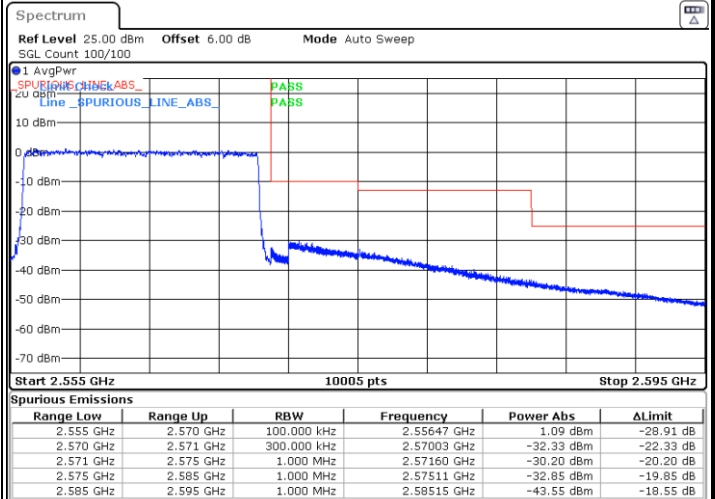
Date: 23.JAN.2022 17:16:43

Lowest Band Edge / Full RB



Date: 23.JAN.2022 17:09:56

Highest Band Edge / Full RB

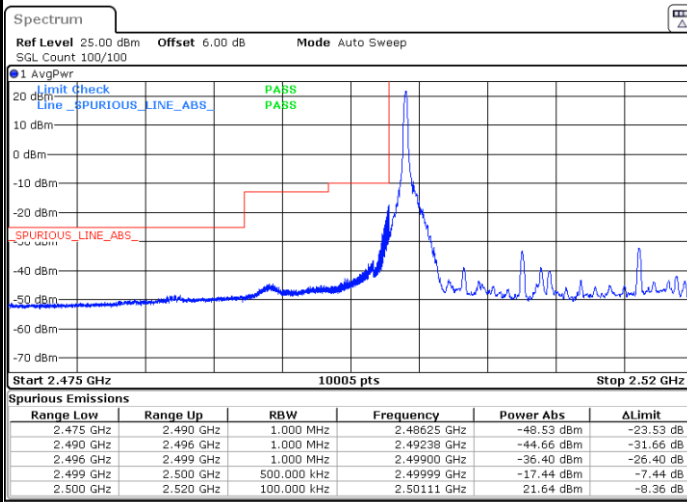


Date: 23.JAN.2022 17:17:38



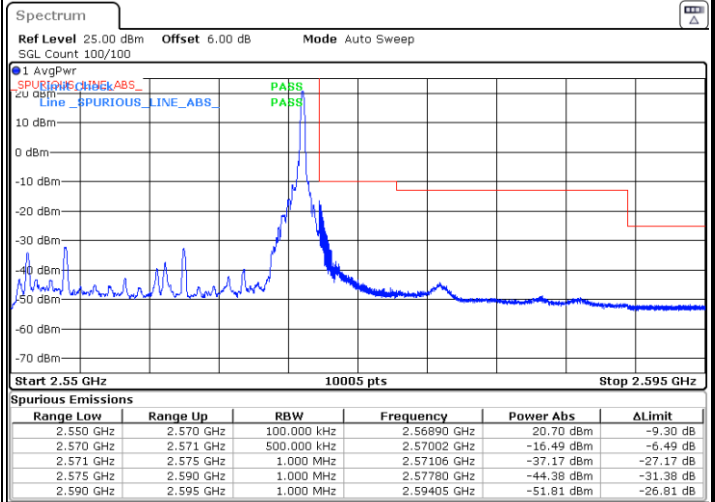
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



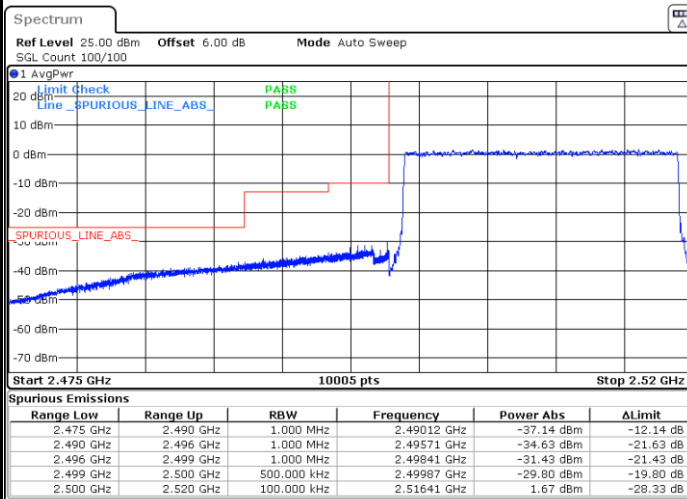
Date: 23.JAN.2022 17:21:20

Highest Band Edge / 1 RB



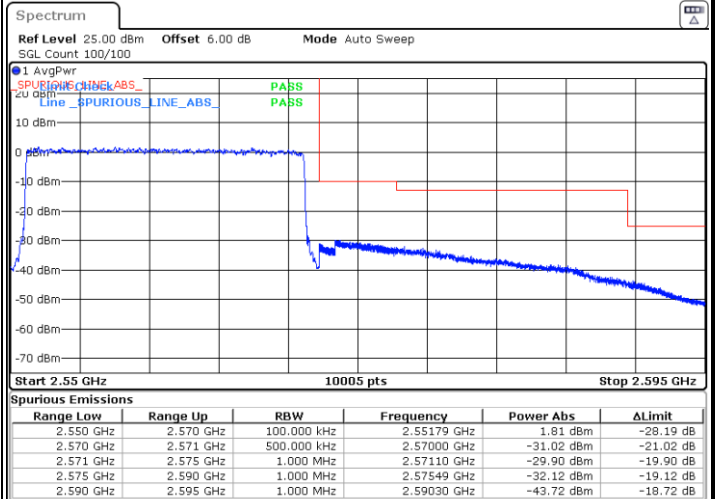
Date: 23.JAN.2022 17:29:02

Lowest Band Edge / Full RB



Date: 23.JAN.2022 17:25:53

Highest Band Edge / Full RB

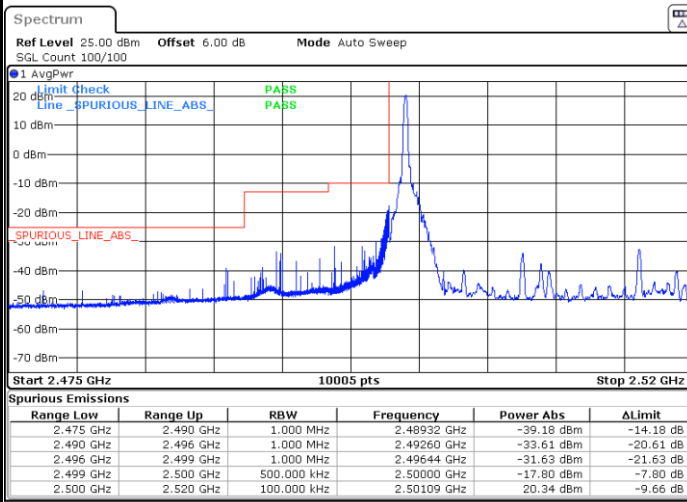


Date: 23.JAN.2022 17:33:34



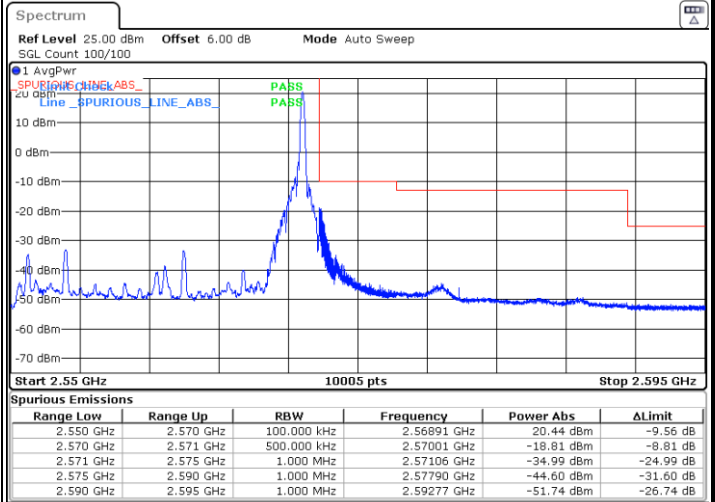
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



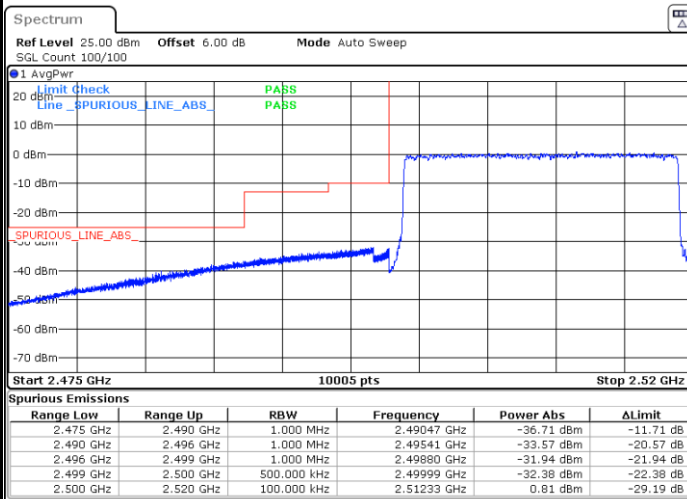
Date: 23.JAN.2022 17:22:15

Highest Band Edge / 1 RB



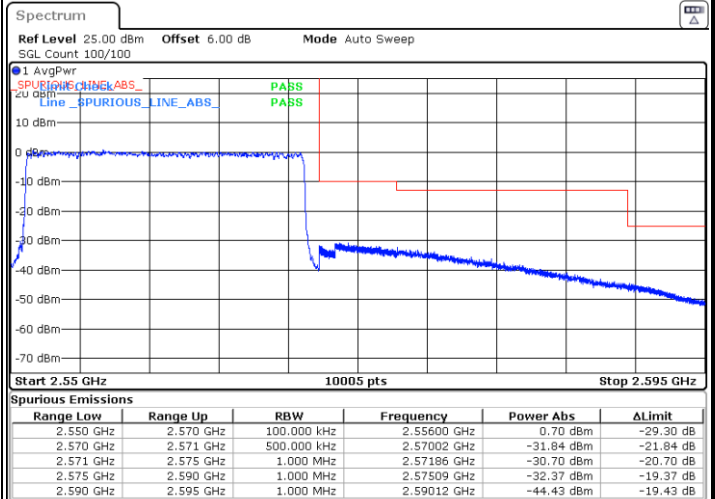
Date: 23.JAN.2022 17:29:57

Lowest Band Edge / Full RB



Date: 23.JAN.2022 17:24:59

Highest Band Edge / Full RB

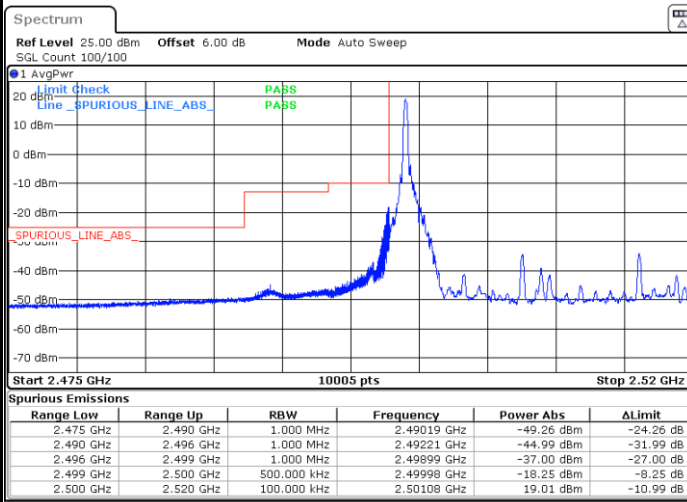


Date: 23.JAN.2022 17:32:40



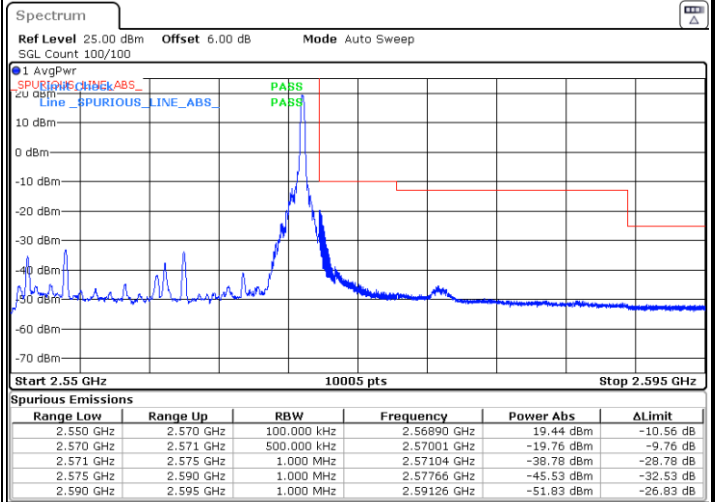
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



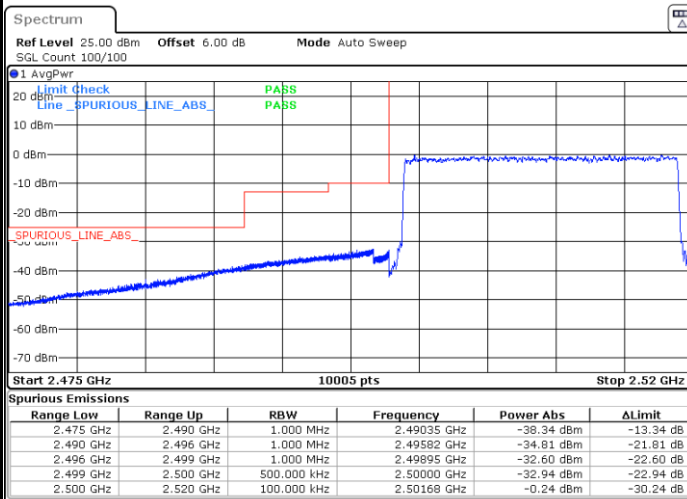
Date: 23.JAN.2022 17:23:09

Highest Band Edge / 1 RB



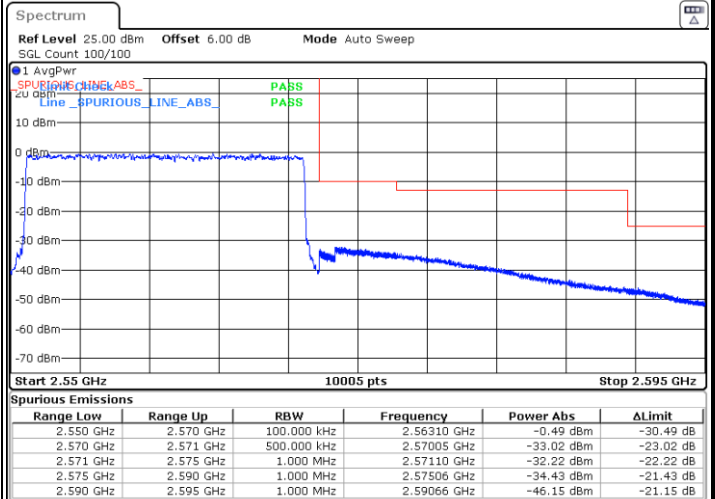
Date: 23.JAN.2022 17:30:51

Lowest Band Edge / Full RB



Date: 23.JAN.2022 17:24:04

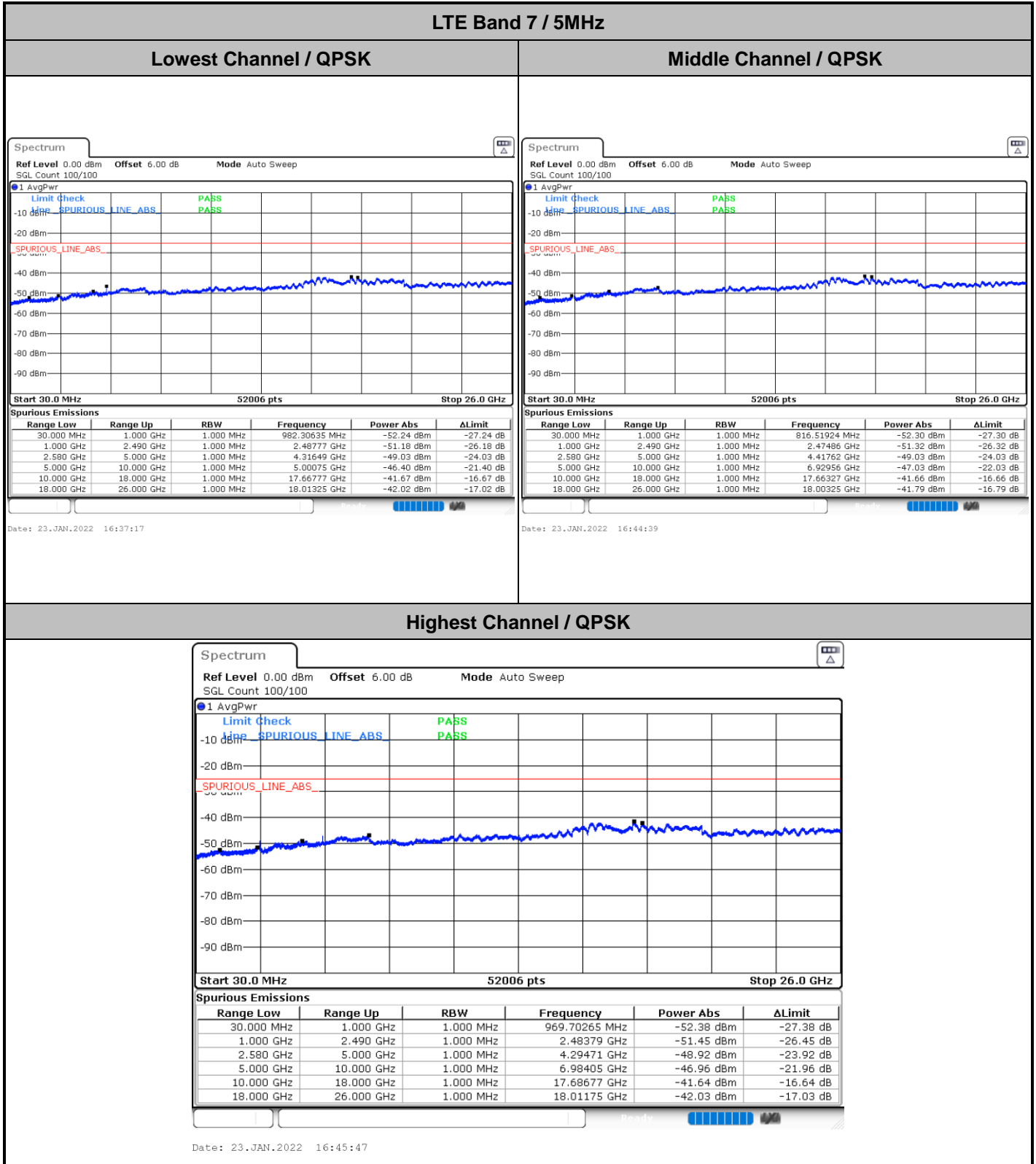
Highest Band Edge / Full RB



Date: 23.JAN.2022 17:31:45



Conducted Spurious Emission

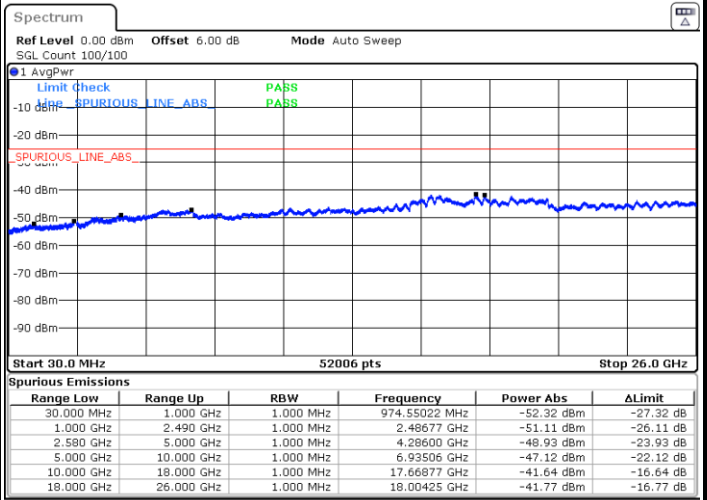
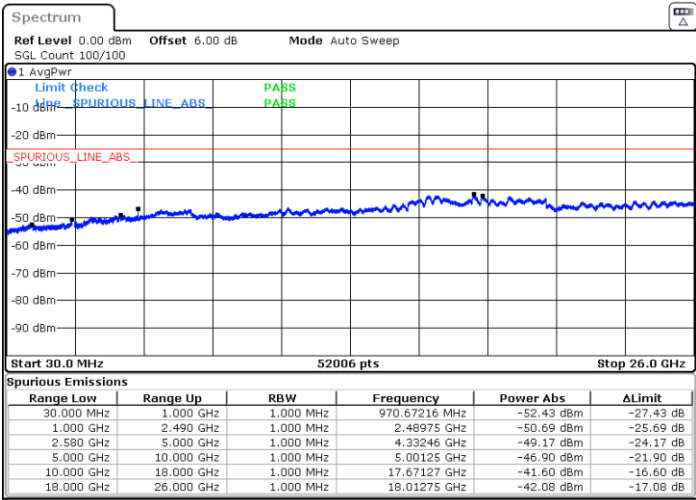




LTE Band 7 / 10MHz

Lowest Channel / QPSK

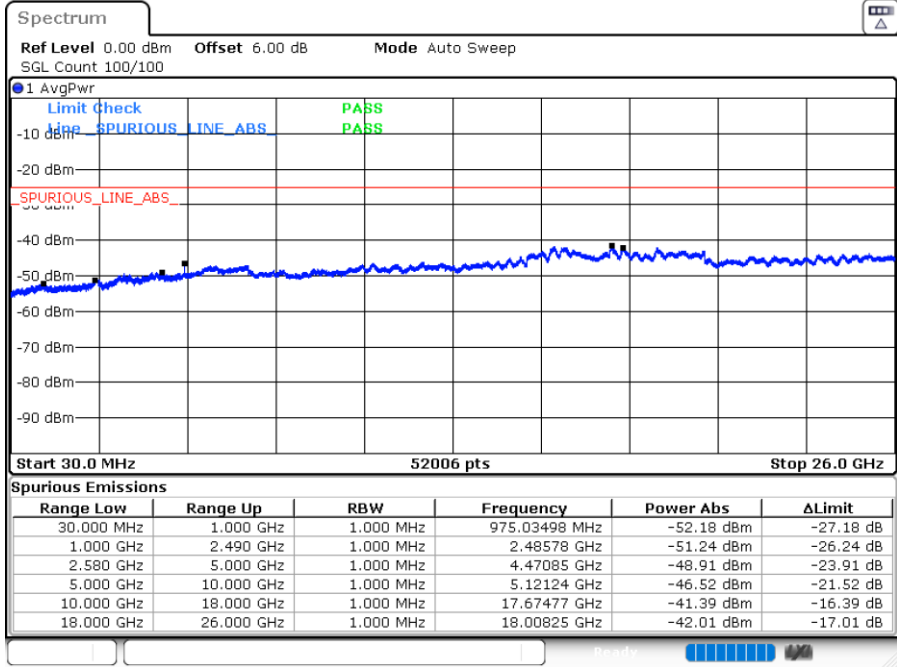
Middle Channel / QPSK



Date: 23.JAN.2022 16:52:21

Date: 23.JAN.2022 16:58:46

Highest Channel / QPSK



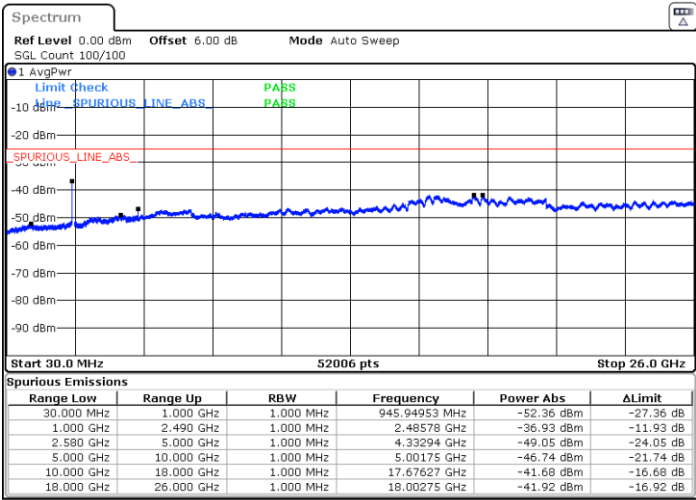
Date: 23.JAN.2022 16:59:53



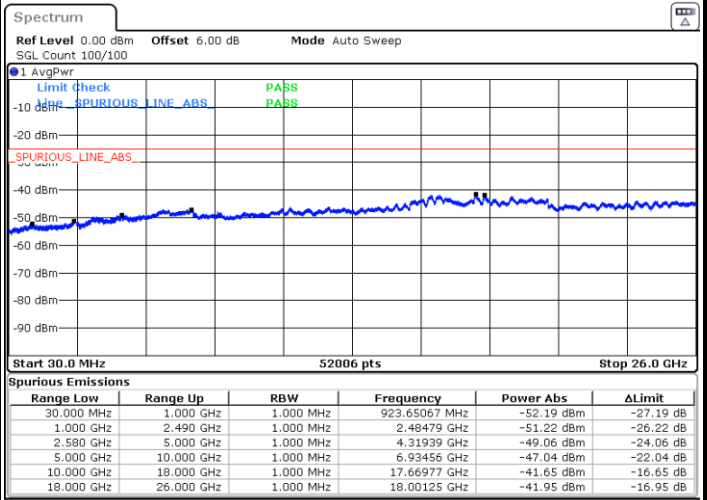
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

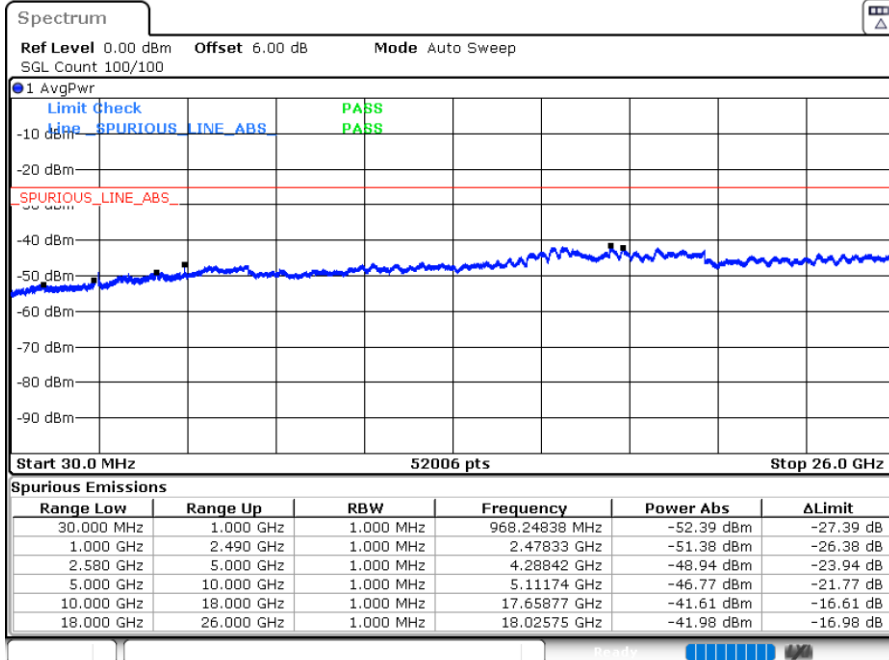


Date: 23.JAN.2022 17:06:28



Date: 23.JAN.2022 17:12:53

Highest Channel / QPSK



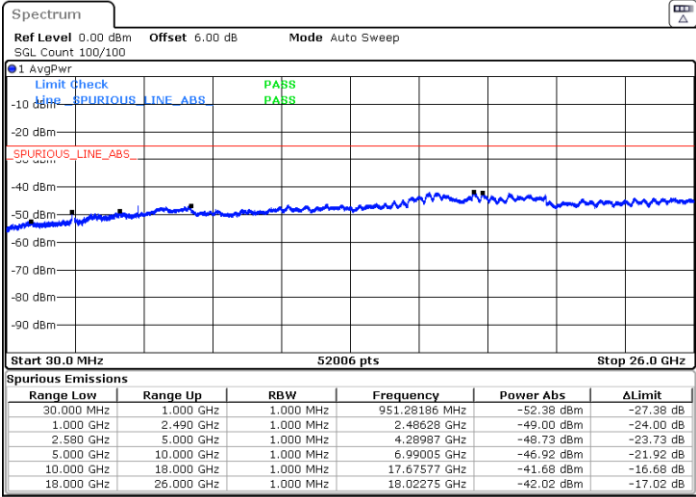
Date: 23.JAN.2022 17:14:01



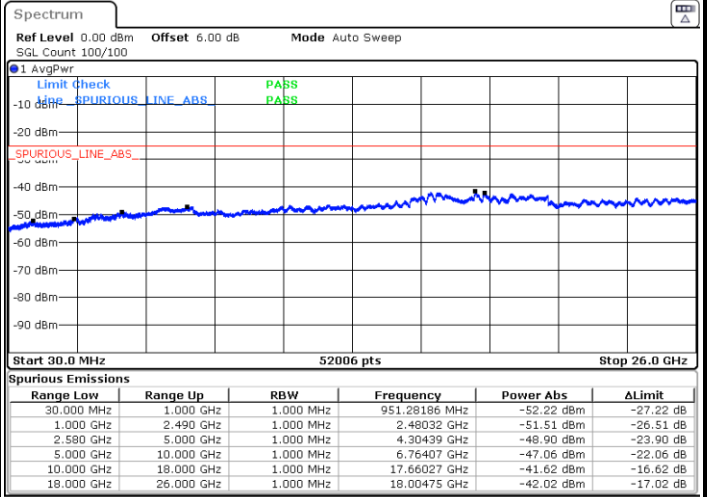
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

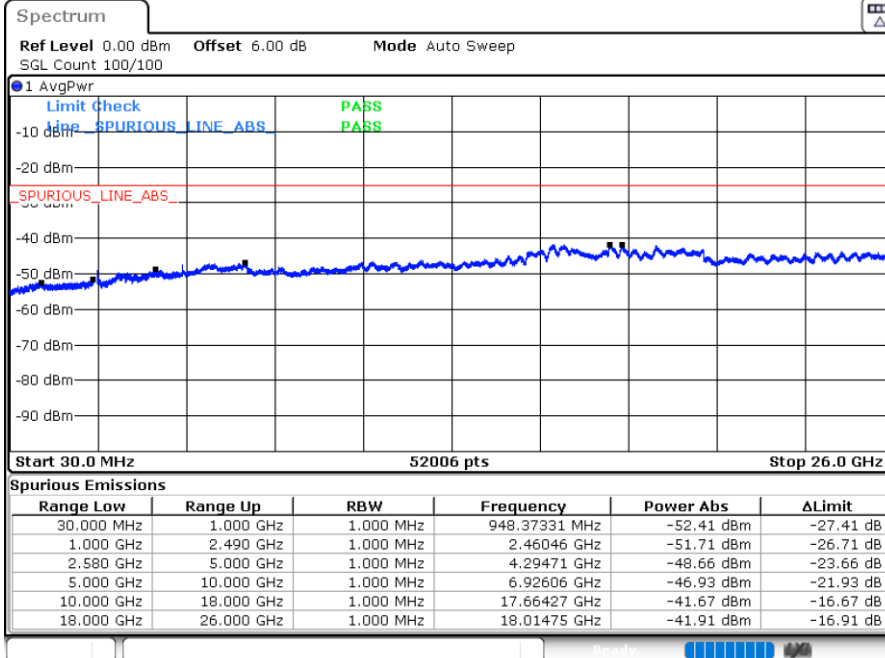


Date: 23.JAN.2022 17:20:36



Date: 23.JAN.2022 17:27:00

Highest Channel / QPSK



Date: 23.JAN.2022 17:28:08



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0017	
20	Battery End Point	0.0011	

Note:

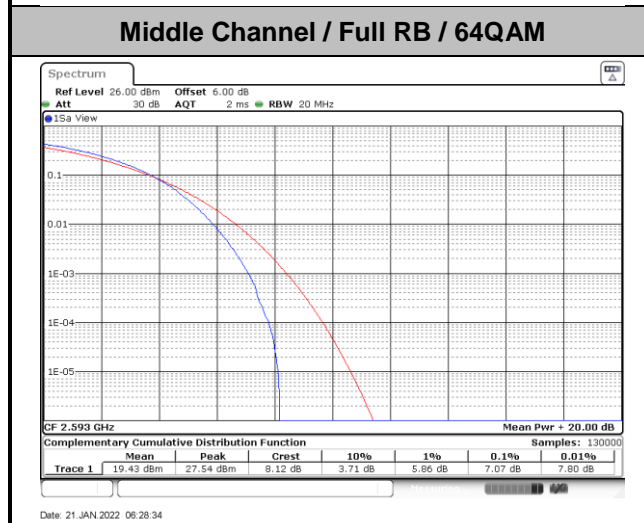
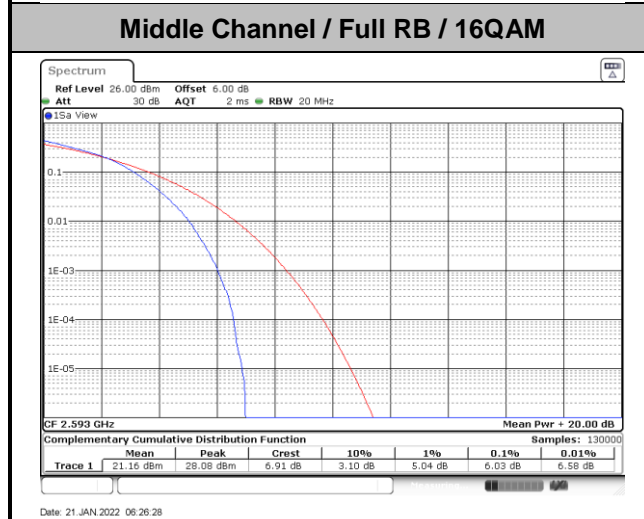
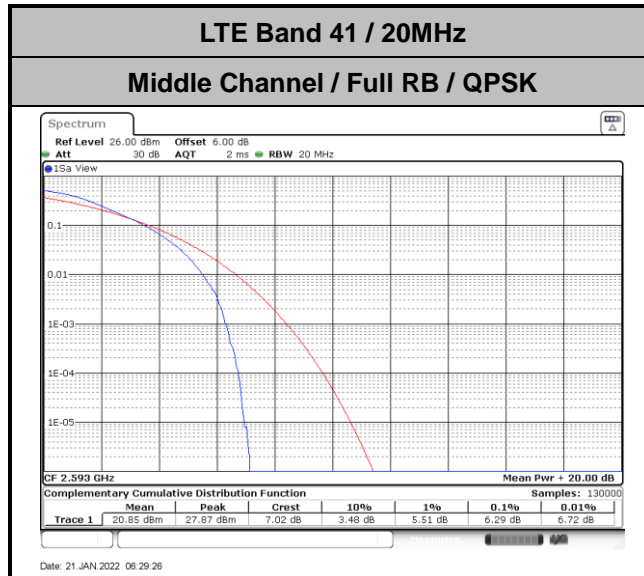
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

Peak-to-Average Ratio

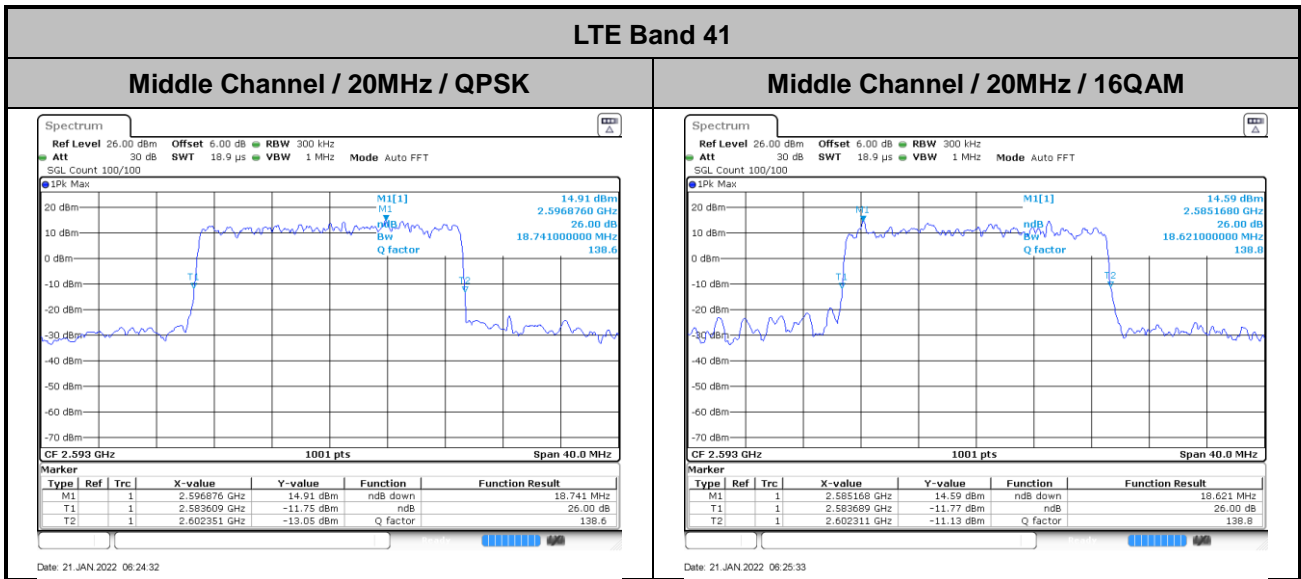
Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	6.29	6.03	7.07	PASS





26dB Bandwidth

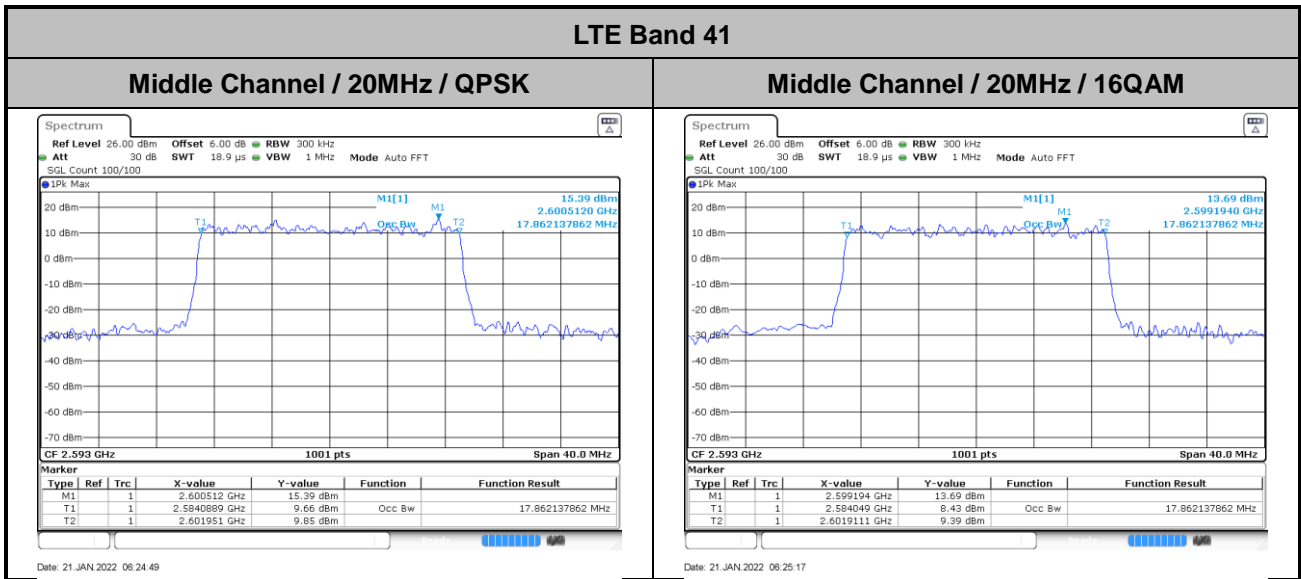
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.74	18.62





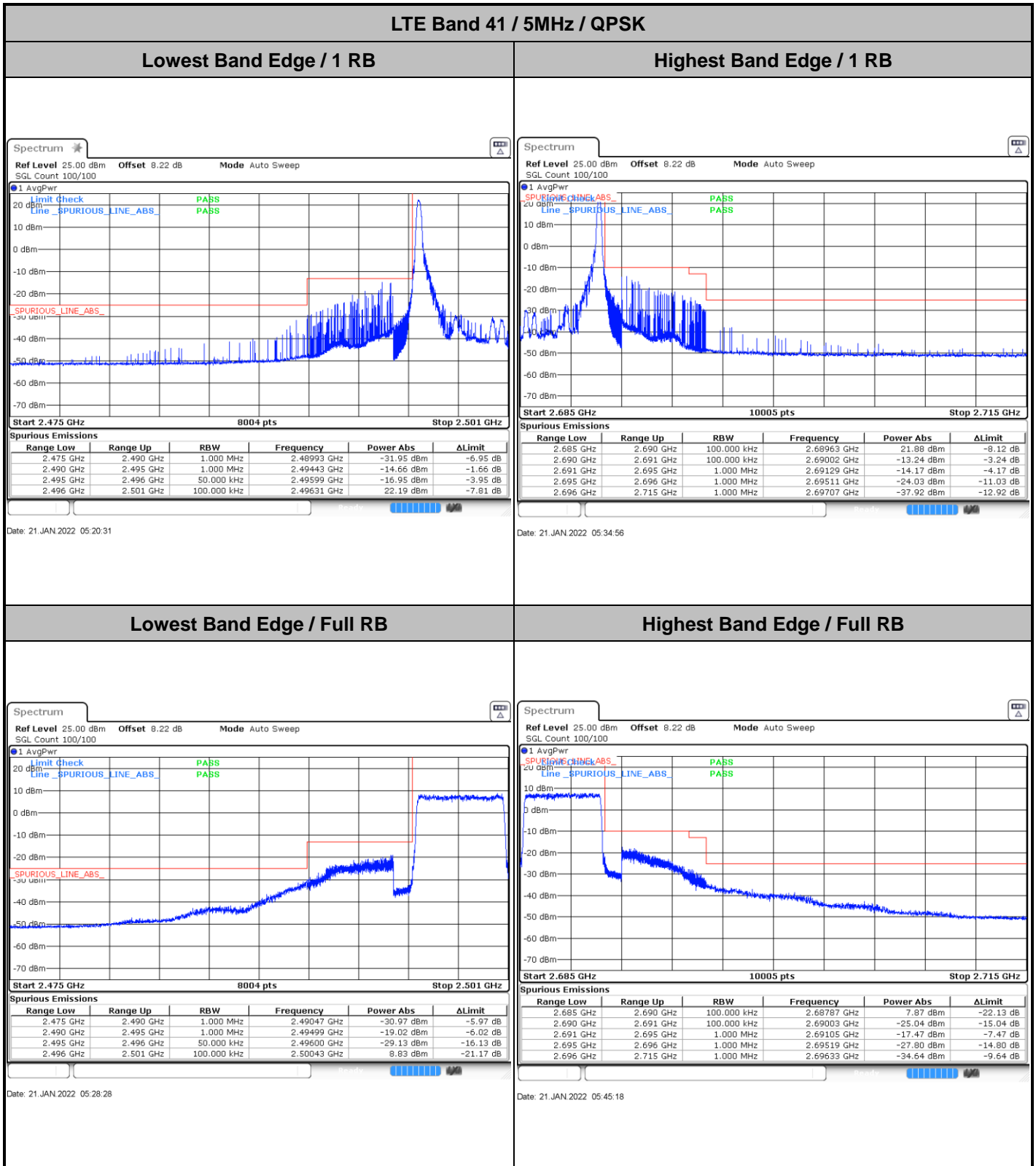
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.86	17.86





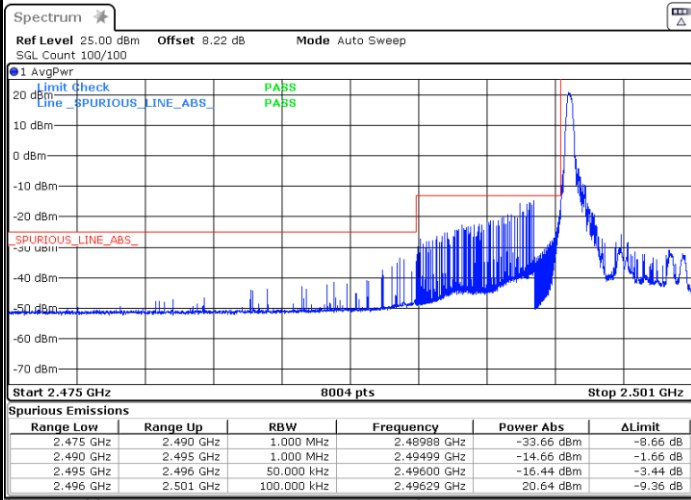
Conducted Band Edge





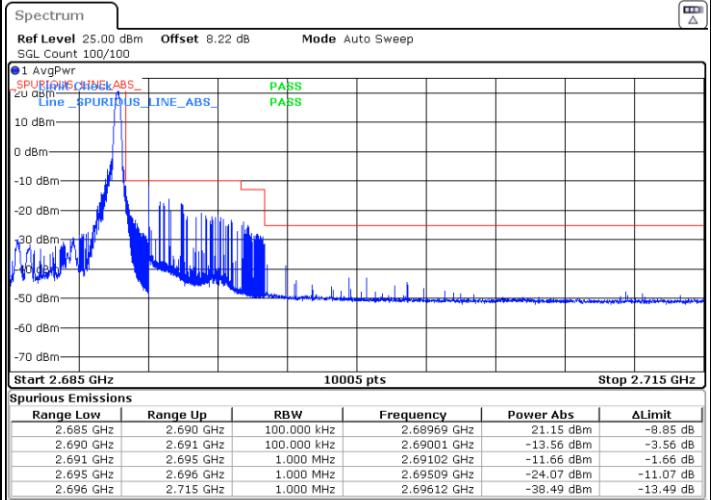
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



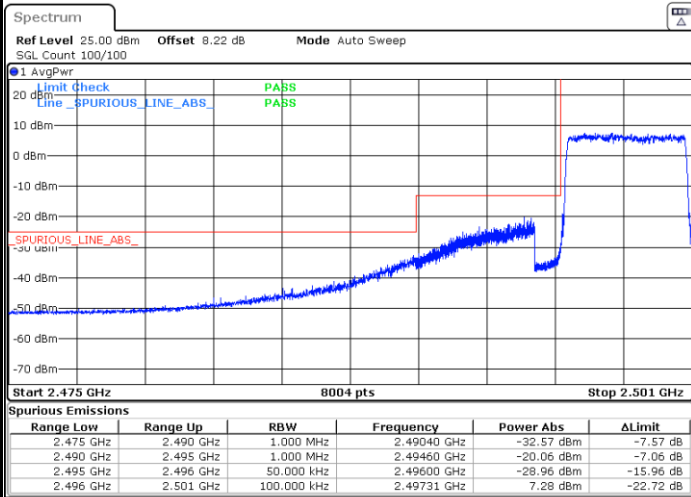
Date: 21.JAN.2022 05:21:35

Highest Band Edge / 1 RB



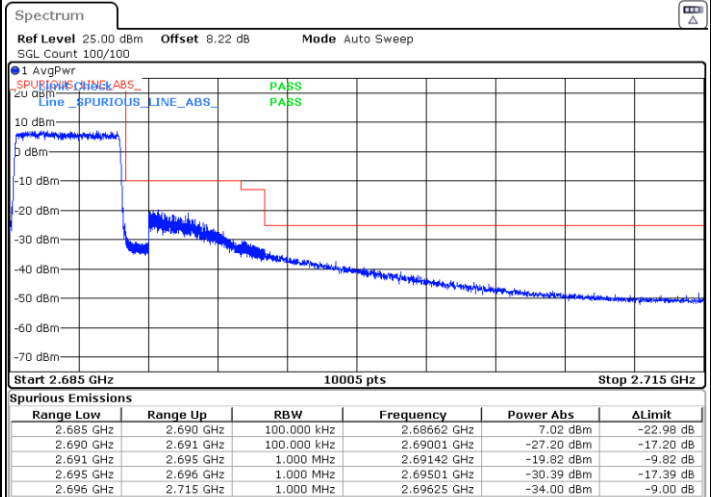
Date: 21.JAN.2022 05:41:57

Lowest Band Edge / Full RB



Date: 21.JAN.2022 05:26:00

Highest Band Edge / Full RB

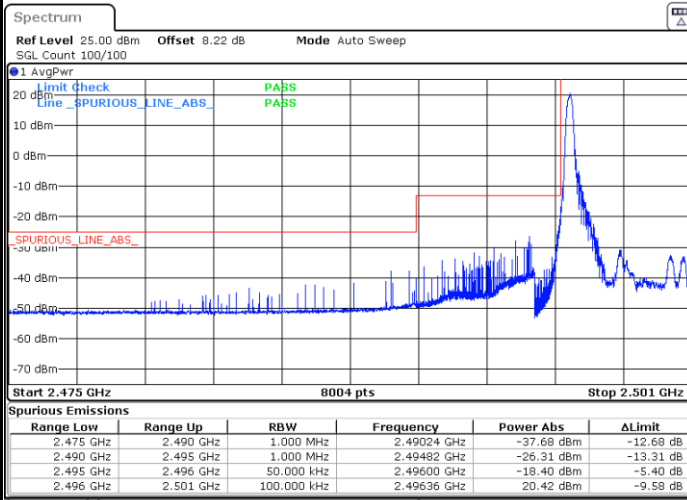


Date: 21.JAN.2022 05:44:29



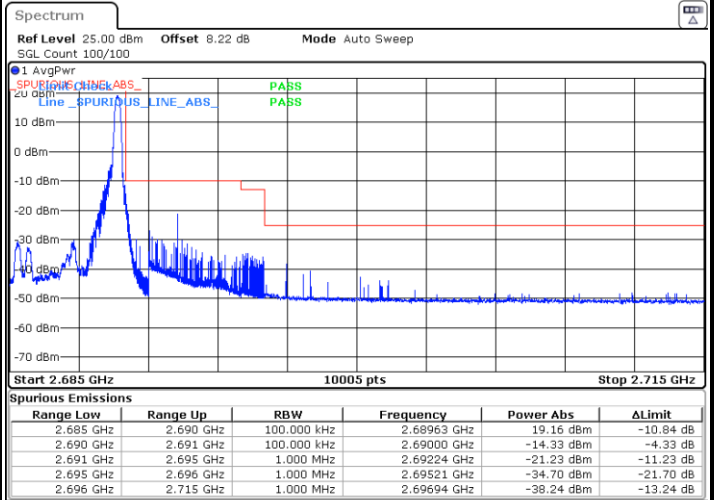
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



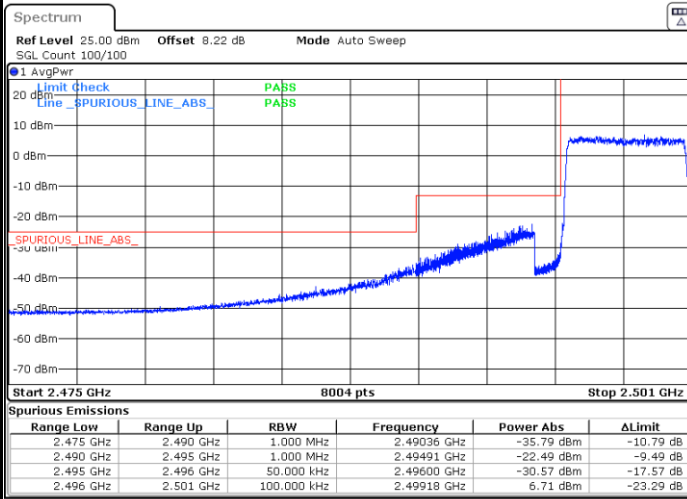
Date: 21.JAN.2022 05:24:07

Highest Band Edge / 1 RB



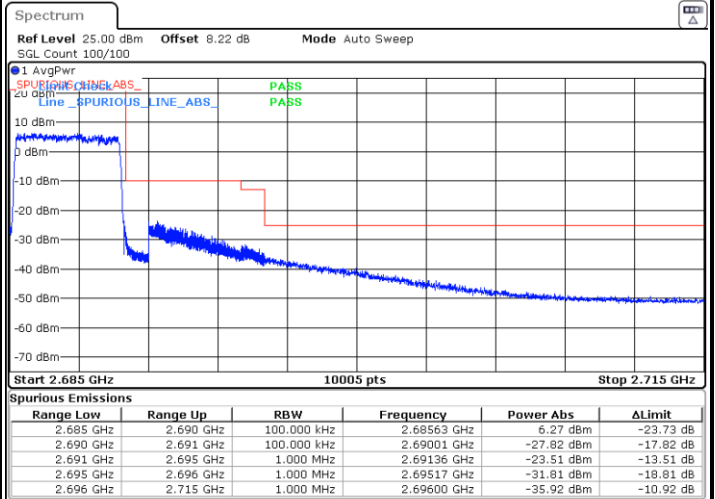
Date: 21.JAN.2022 05:42:46

Lowest Band Edge / Full RB



Date: 21.JAN.2022 05:24:54

Highest Band Edge / Full RB

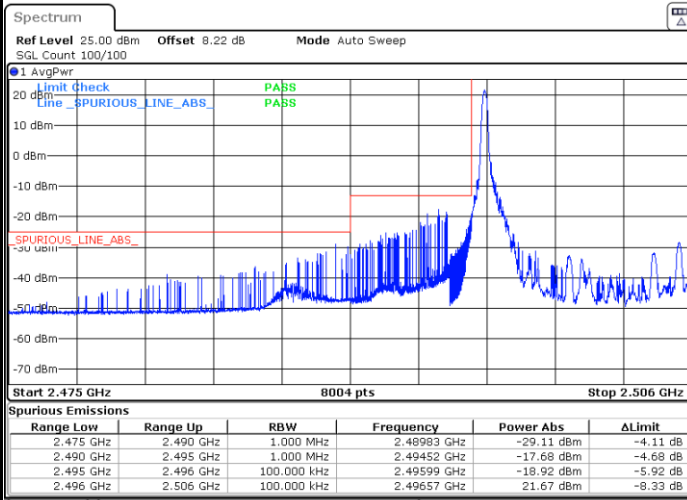


Date: 21.JAN.2022 05:43:39



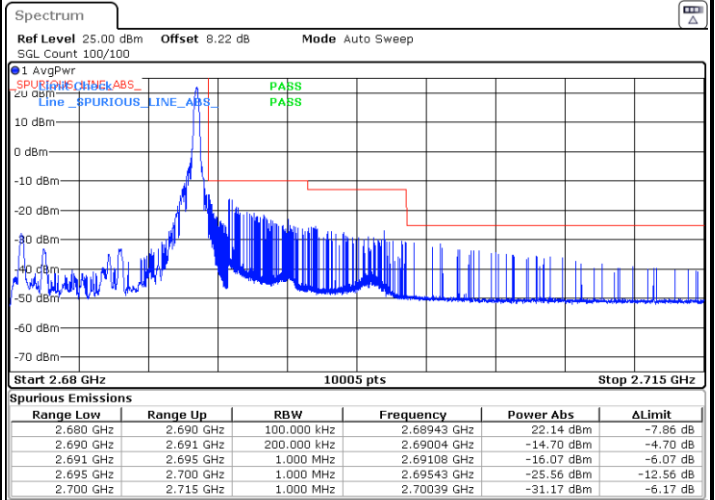
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



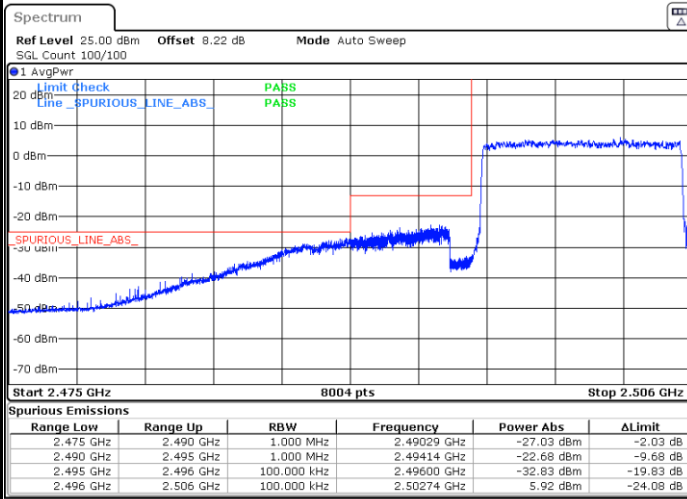
Date: 21.JAN.2022 05:46:09

Highest Band Edge / 1 RB



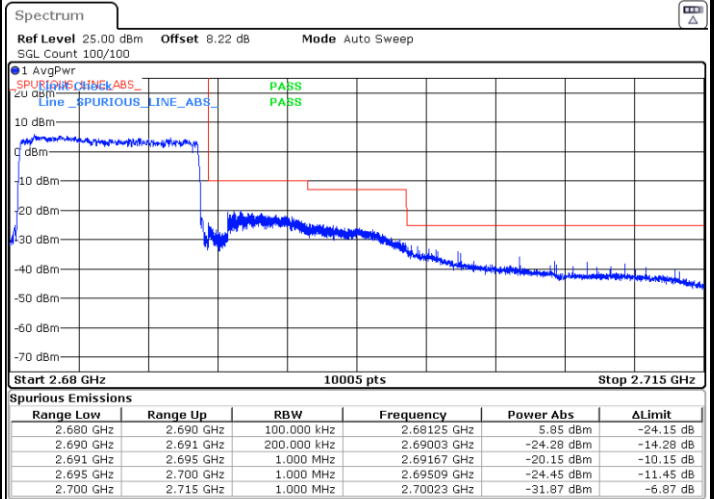
Date: 21.JAN.2022 05:52:15

Lowest Band Edge / Full RB



Date: 21.JAN.2022 05:50:19

Highest Band Edge / Full RB

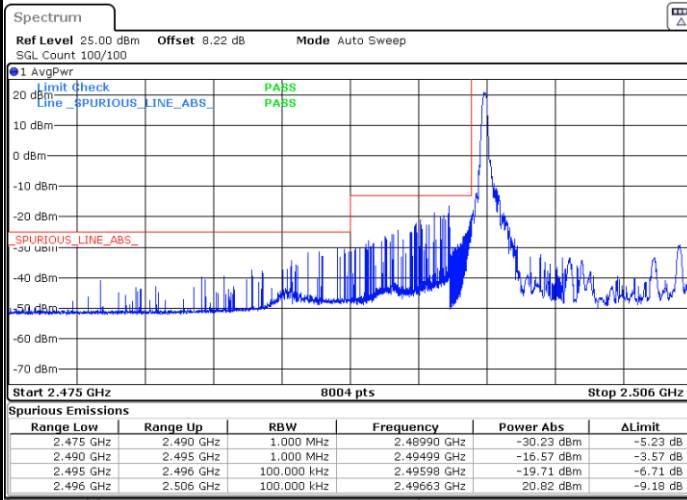


Date: 21.JAN.2022 05:56:24



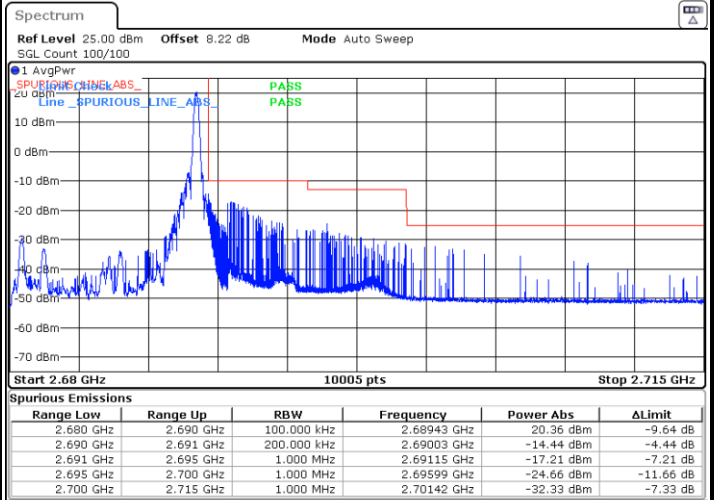
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



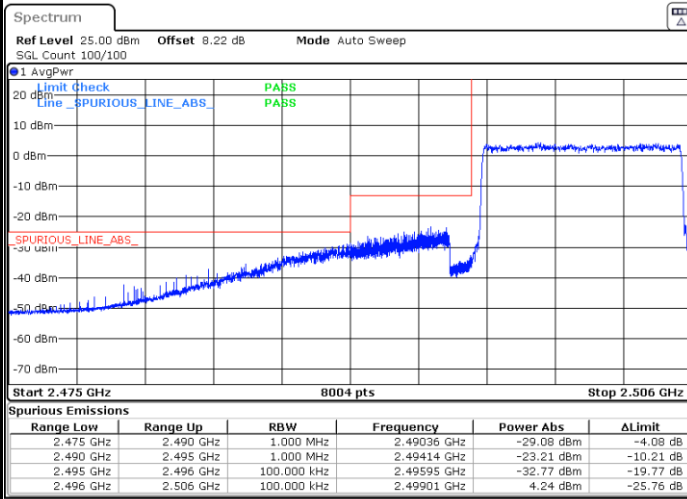
Date: 21.JAN.2022 05:46:59

Highest Band Edge / 1 RB



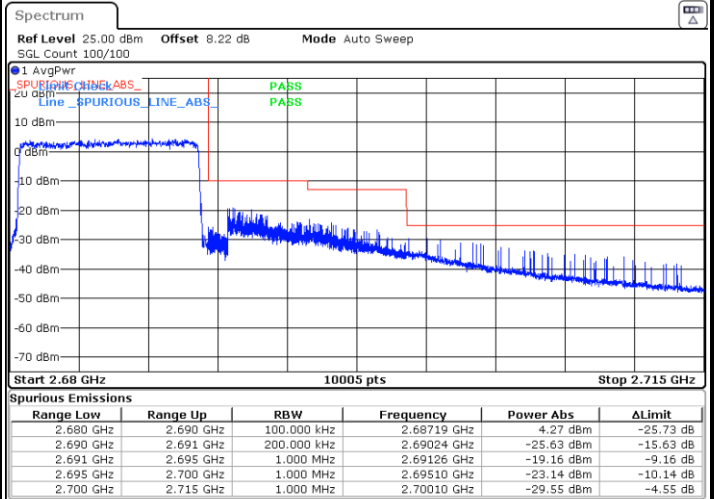
Date: 21.JAN.2022 05:53:05

Lowest Band Edge / Full RB



Date: 21.JAN.2022 05:49:29

Highest Band Edge / Full RB

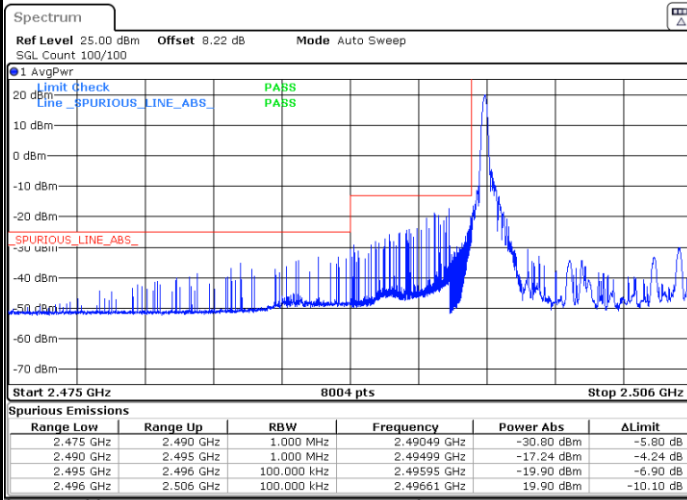


Date: 21.JAN.2022 05:55:35



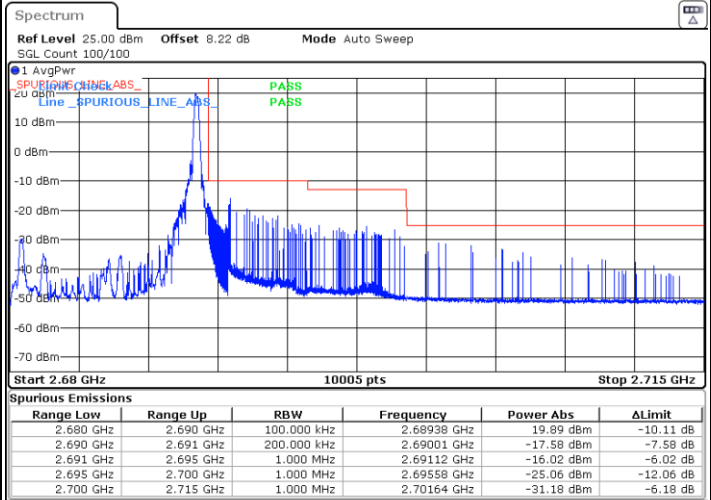
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



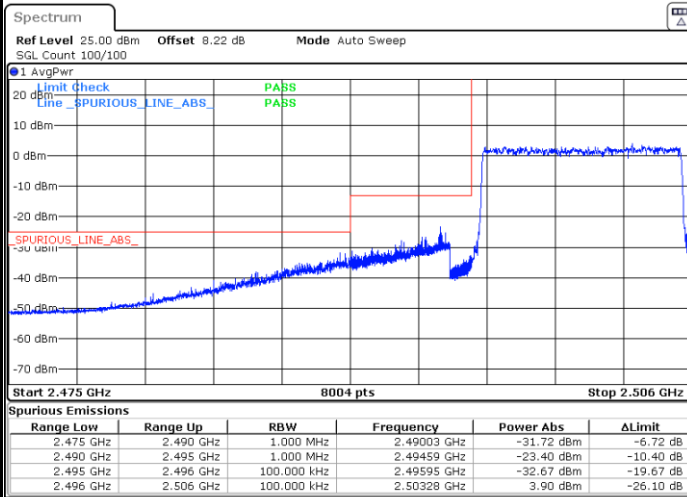
Date: 21.JAN.2022 05:47:49

Highest Band Edge / 1 RB



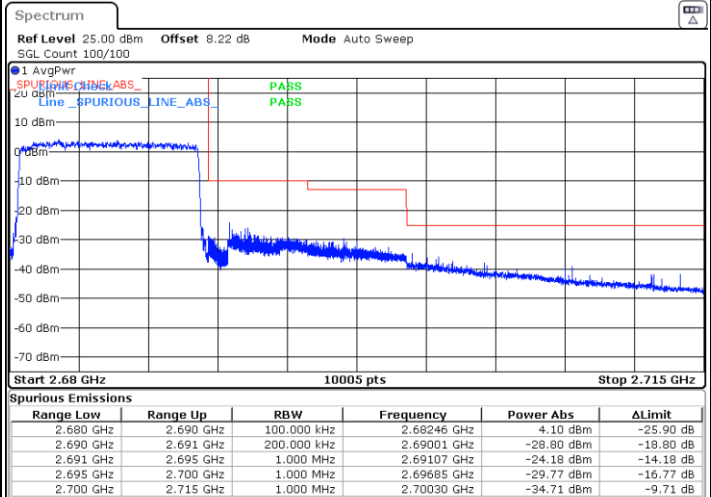
Date: 21.JAN.2022 05:53:55

Lowest Band Edge / Full RB



Date: 21.JAN.2022 05:48:39

Highest Band Edge / Full RB

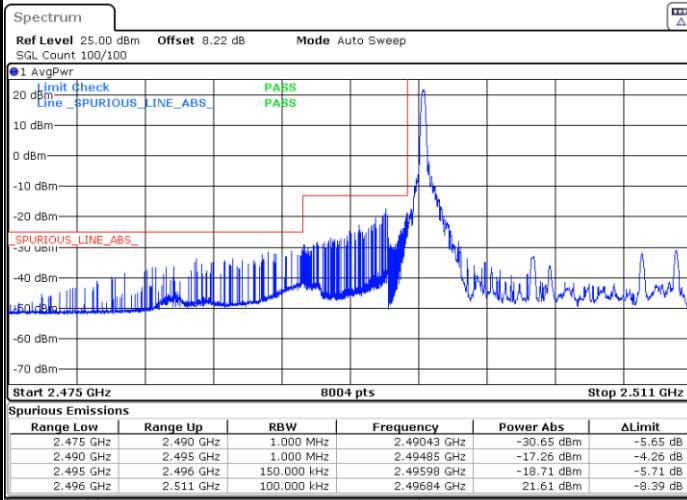


Date: 21.JAN.2022 05:54:44



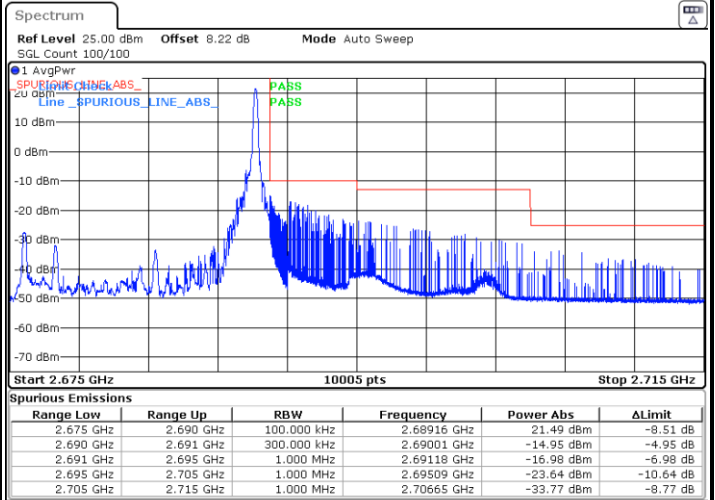
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



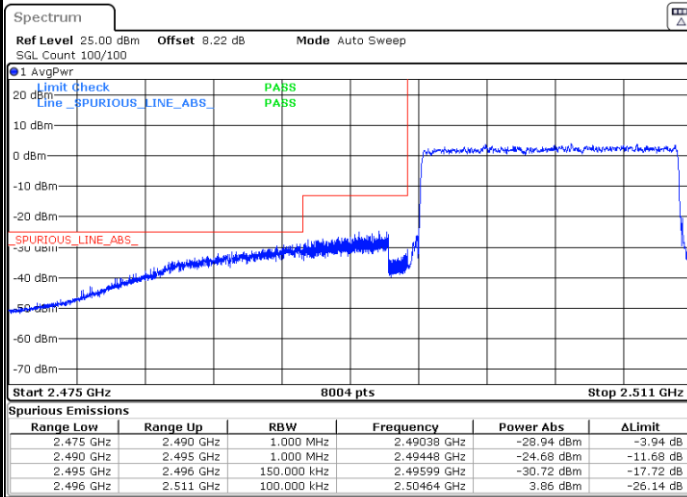
Date: 21.JAN.2022 05:58:16

Highest Band Edge / 1 RB



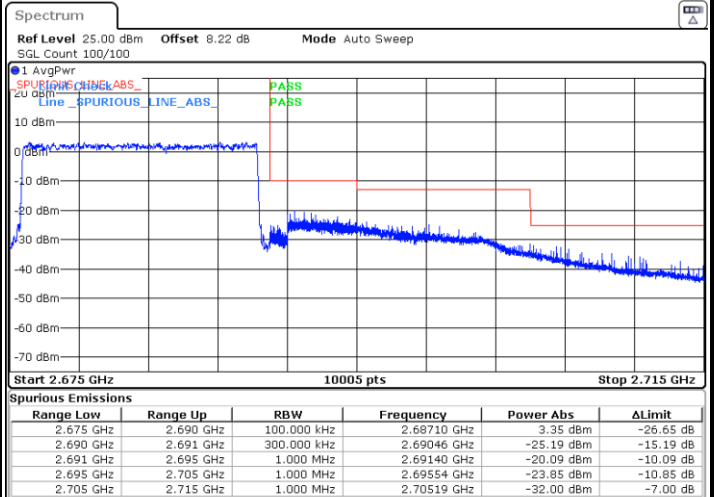
Date: 21.JAN.2022 06:05:57

Lowest Band Edge / Full RB



Date: 21.JAN.2022 06:02:35

Highest Band Edge / Full RB

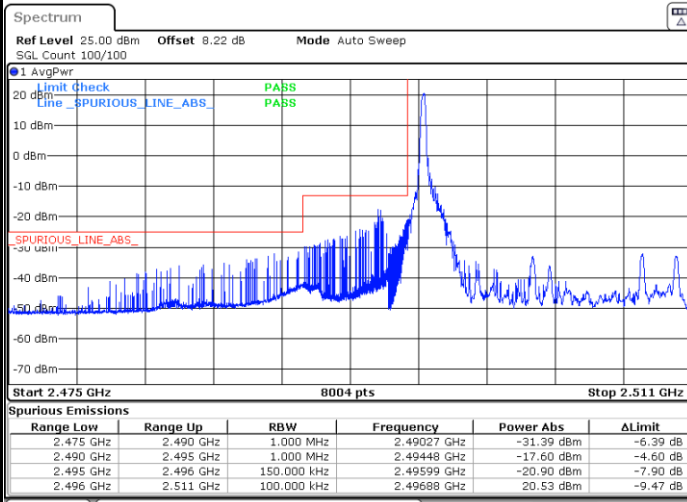


Date: 21.JAN.2022 06:10:24



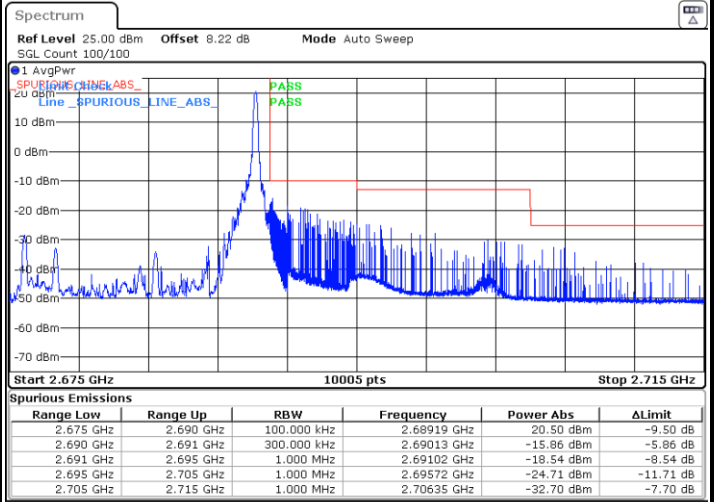
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



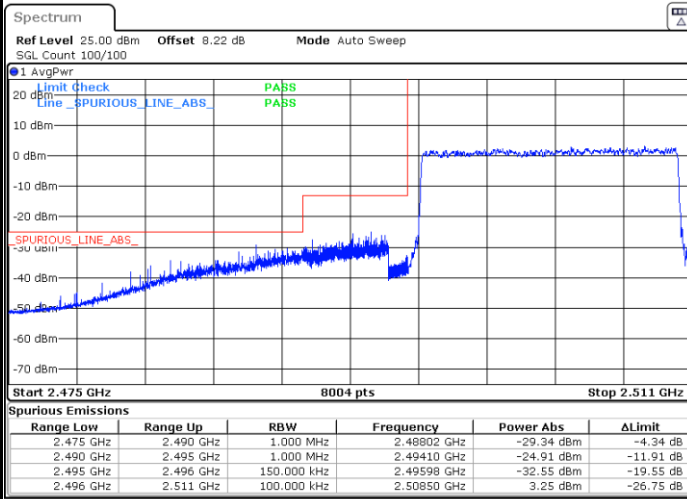
Date: 21.JAN.2022 05:59:07

Highest Band Edge / 1 RB



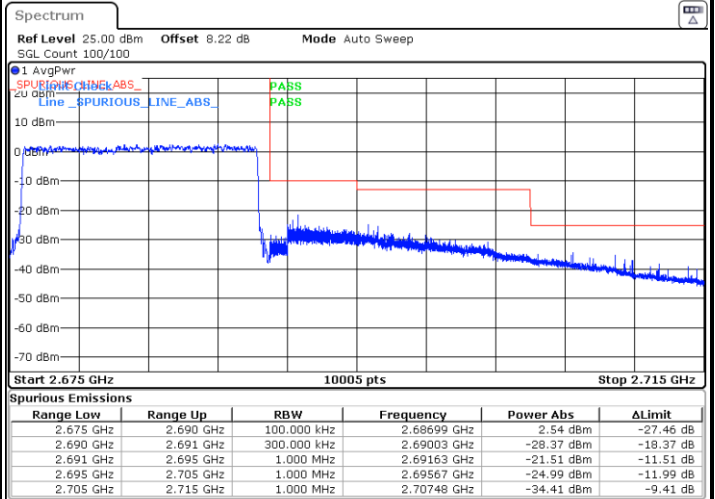
Date: 21.JAN.2022 06:06:48

Lowest Band Edge / Full RB



Date: 21.JAN.2022 06:01:45

Highest Band Edge / Full RB

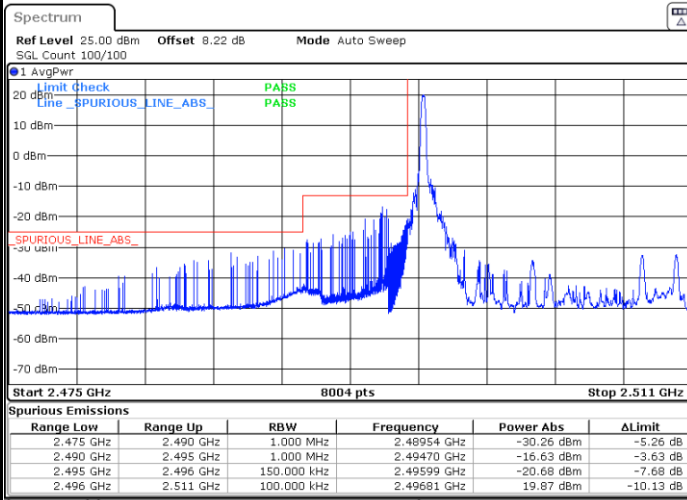


Date: 21.JAN.2022 06:09:30



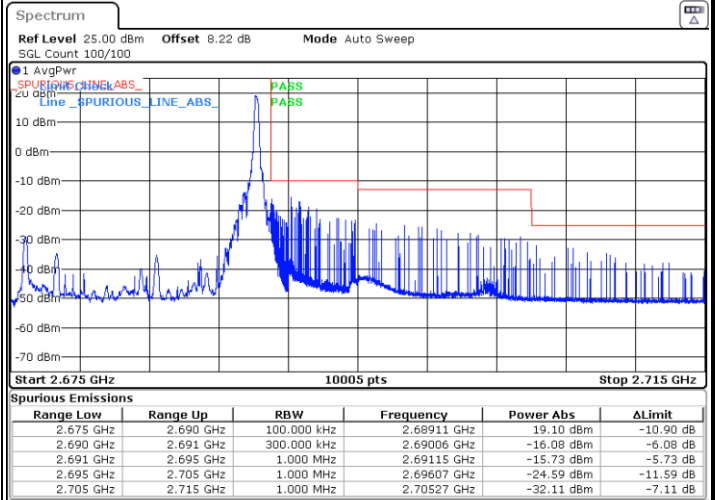
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



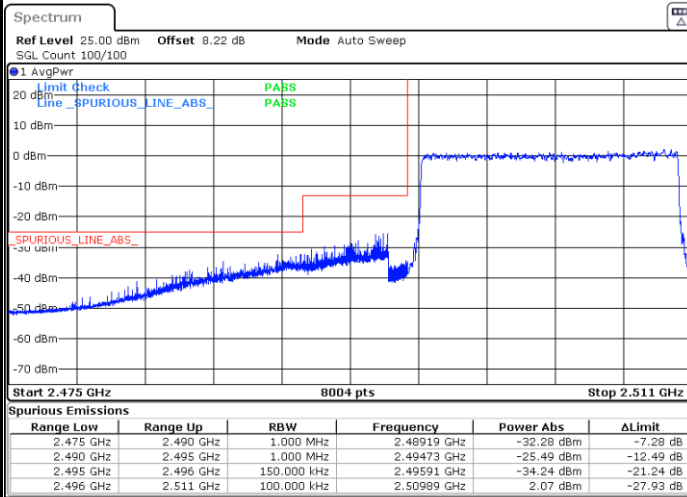
Date: 21.JAN.2022 05:59:57

Highest Band Edge / 1 RB



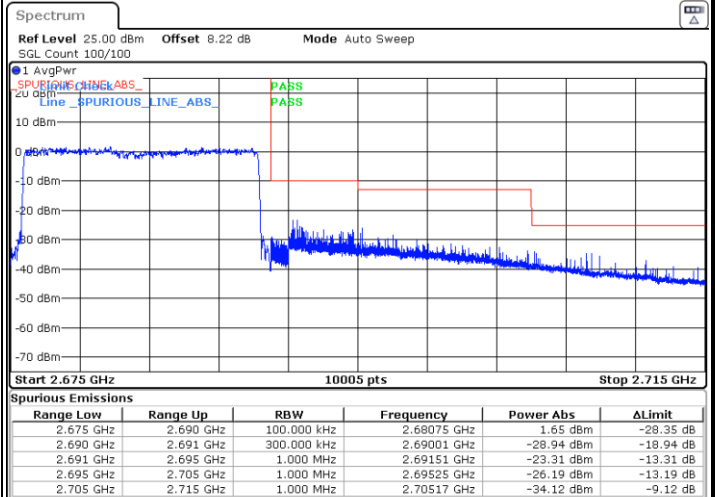
Date: 21.JAN.2022 06:07:45

Lowest Band Edge / Full RB



Date: 21.JAN.2022 06:00:55

Highest Band Edge / Full RB

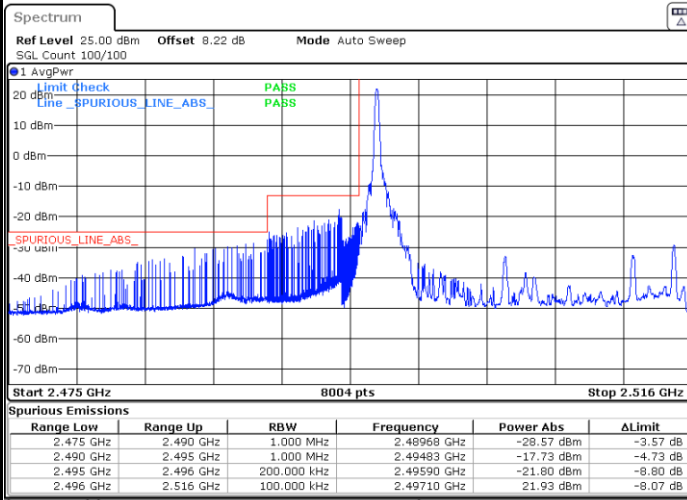


Date: 21.JAN.2022 06:08:37



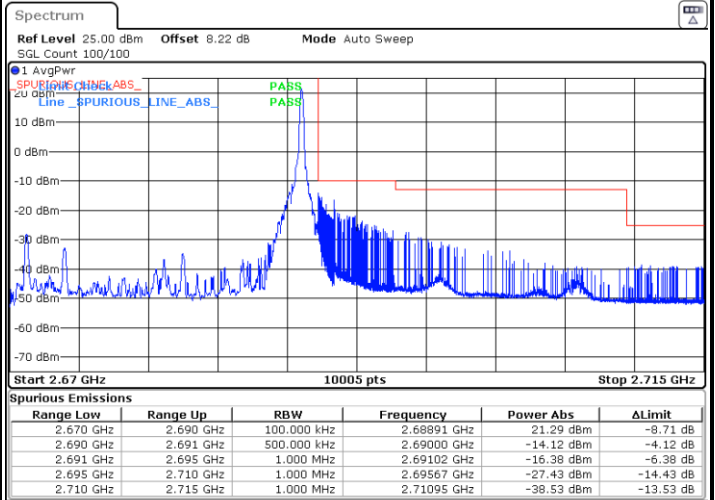
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



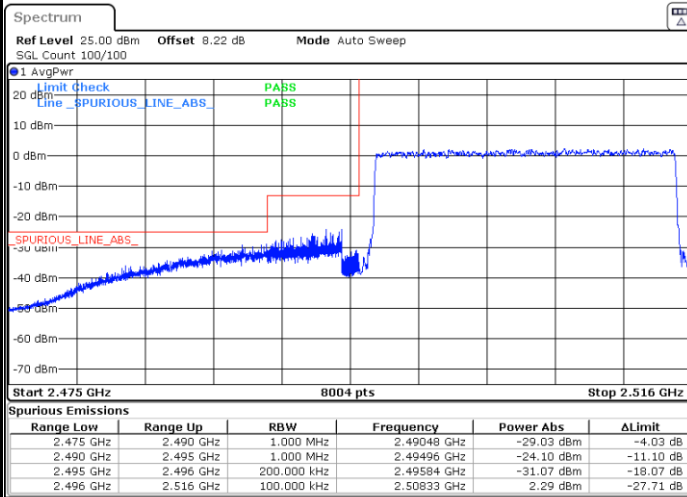
Date: 21.JAN.2022 06:12:16

Highest Band Edge / 1 RB



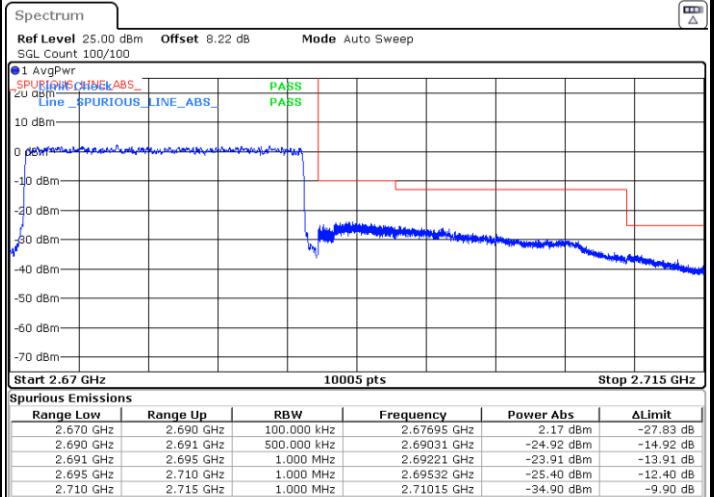
Date: 21.JAN.2022 06:19:54

Lowest Band Edge / Full RB



Date: 21.JAN.2022 06:16:47

Highest Band Edge / Full RB

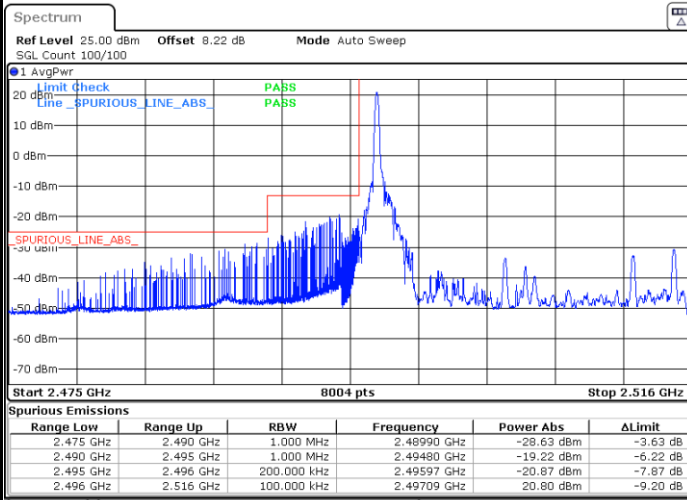


Date: 21.JAN.2022 06:24:06



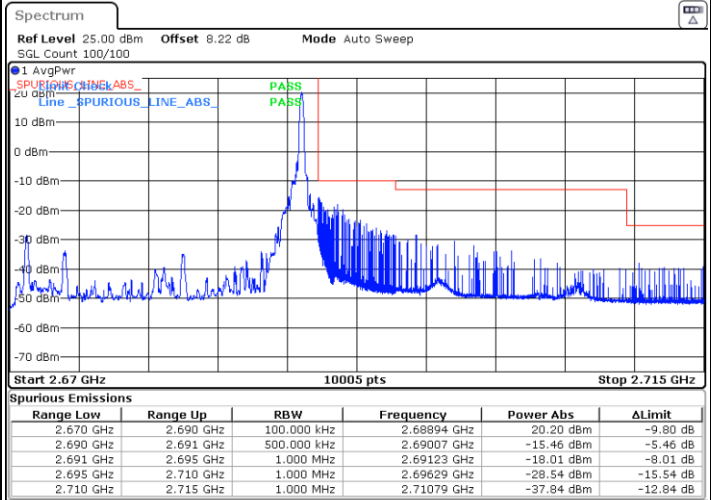
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



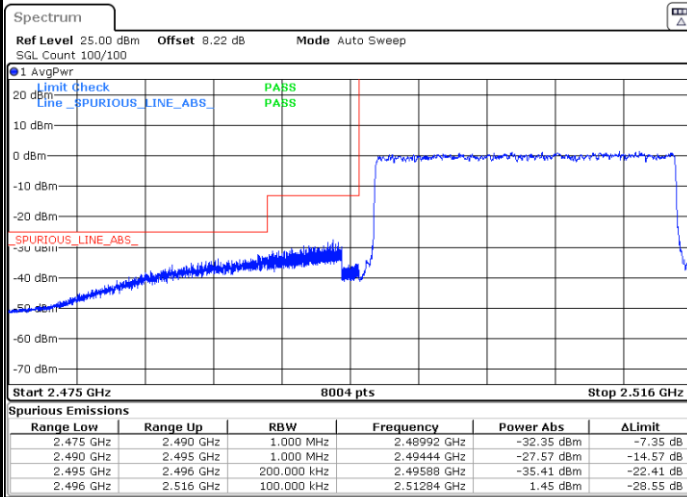
Date: 21.JAN.2022 06:13:10

Highest Band Edge / 1 RB



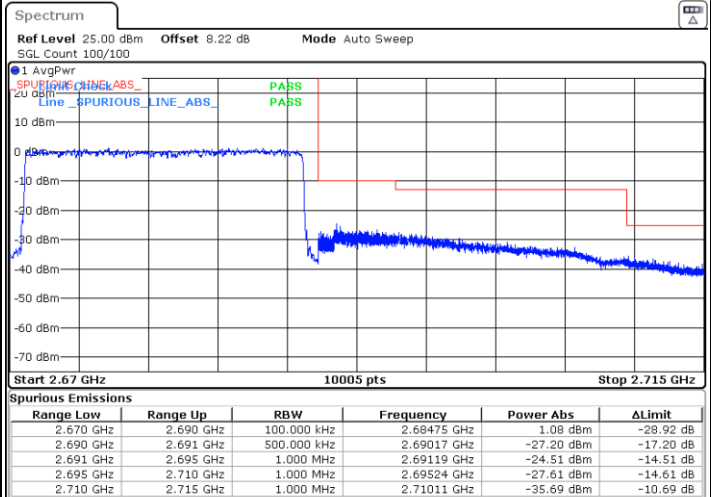
Date: 21.JAN.2022 06:20:44

Lowest Band Edge / Full RB



Date: 21.JAN.2022 06:15:55

Highest Band Edge / Full RB



Date: 21.JAN.2022 06:23:16